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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket Number: 12-199-C2

In the patent of: WEST et al.

Patent No: 5,453,863

Issued: September 26, 1995

For: MULTISTABLE CHIRAL NEMATIC DISPLAYS



APPROVED

MAR 19 2001

LW

FOR THE DIRECTOR OF USPTO

PUBLISH

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

TRANSMITTAL SHEET

Enclosed is:

Transmittal Sheet with Certificate of Mailing and Authorization to Charge Deposit Account  
Check in the amount of \$100.50

Request for Certificate of Correction

Certificate of Correction (in duplicate)

Revocation and Substitution of Power of Attorney

Certificate under 37 CFR §3.73(b)

Return Receipt Postcard

CERTIFICATE

APR 2 1999

OF CORRECTION

Authorization to Charge Deposit Account

In the event an additional fee is applicable to the filing of this document and the required fee is not enclosed, or the fee submitted is insufficient, the Commissioner is hereby authorized to charge any fees which might be required to effect the filing of this (these) document(s) or credit any overpayment to Account No. 18-0987.

Respectfully submitted,

*Andrew B. Morton*

Ray L. Weber, Esq., Reg. No. 26,519

Andrew B. Morton, Esq., Reg. No. 37,400

Renner, Kenner, Greive, Bobak, Taylor & Weber

1610 First National Tower

Akron, Ohio 44308-1456

Telephone: (330) 376-1242

Attorney for Assignee

Repln. Ref: 03/23/1999 RTSEGAY1 0013245100  
DAH:180987 Name/Number:5453863  
FC: 704 \$0.50 CR

*March 16, 1999*

Date

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I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

*DOROTHY L CARPER*  
(type or print name of person signing paper)

*Dorothy L Carper*  
(signature of person mailing paper)

*3/16/99*  
(date)

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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For: Multistable Chiral Nematic Displays



**Certificate of Mailing**

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*Dorothy L. Casper*

**ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231**

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT FOR  
APPLICANTS' MISTAKE (37 CFR 1.323)**

Sir:

It is noted that an error appears in this patent of a minor nature or character, as more fully described below. It occurred in good faith. Correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. A Certificate of Correction is respectfully requested.

**CERTIFICATE**

APR 2 1999

Attached hereto, in duplicate, is Form PTO/SB/44 (aka PTO 1050) with at least one copy being suitable for printing.

**OF CORRECTION**

The exact page and line number where the error occurs in the application can be found at column 1, lines 5-8. In particular, it is respectfully requested that the paragraph included at column 1, lines 5-8, inclusive, be deleted and be substituted with the following paragraph.

The United States government has a paid-up license in this invention and may have the right in limited circumstances to require the patent owner to license others on reasonable terms as provided for by the terms of Grant DMR 89-20147, awarded by the National Science Foundation, and contract No. 972-90-C-0037, awarded by Advanced Research Projects Agency.

A Revocation and Substitute Power of Attorney and Certificate under 37 CFR 3.73(b) are also submitted with this request.

03/23/1999 RTSEGAY1 00000176 5453863

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Please send the Certificate to Ray L. Weber of Renner, Kenner, Greive, Bobak, Taylor & Weber, 1610 First National Tower, Akron, Ohio 44308-1456.

A check in the amount of \$100.50 is enclosed for with this request as required by 37 CFR 1.20(a). In the event the required fee is not enclosed or the fee submitted is insufficient, Applicants hereby authorize the Commissioner of Patents and Trademarks to withdraw the required funds from Deposit Account No. 18-0987.

Should any clarification be required, a telephone call to the undersigned attorney would be greatly appreciated.

Respectfully submitted,

Andrew B. Morton

Ray L. Weber, Esq., Reg. No. 26,519  
Andrew B. Morton, Esq., Reg. No. 37,400  
Renner, Kenner, Greive, Bobak, Taylor & Weber  
1610 First National Tower  
Akron, Ohio 44308-1456  
Telephone: (330) 376-1242  
Attorney for Assignee

March 16, 1989  
Date

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket Number: 12-199-C2

In the patent of: WEST et al.

Patent No: 5,453,863

Issued: September 26, 1999

For: Multistable Chiral Nematic Displays



Certificate of Mailing

I hereby certify that this correspondence is being deposited on the date shown below with the United States Postal Service as first class mail in an envelope with sufficient postage addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231. Date: 3/16/99

*Dorothy L. Carpenter*

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

CERTIFICATE UNDER 37 CFR 3.73(b)

Sir:

Kent State University, a university organized under the laws of the State of Ohio certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an Assignment from the inventors of the patent application identified above. The Assignment was recorded in the Patent and Trademark Office on July 16, 1993, at Reel 6617, Frames 0505-0506.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign the Certificate on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that the statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application for any patent issuing thereon.

Respectfully submitted,

KENT STATE UNIVERSITY

Date: 9/25/98

By: *[Signature]*

M. Thomas Jones  
Vice Provost and Dean  
Research and Graduate Studies